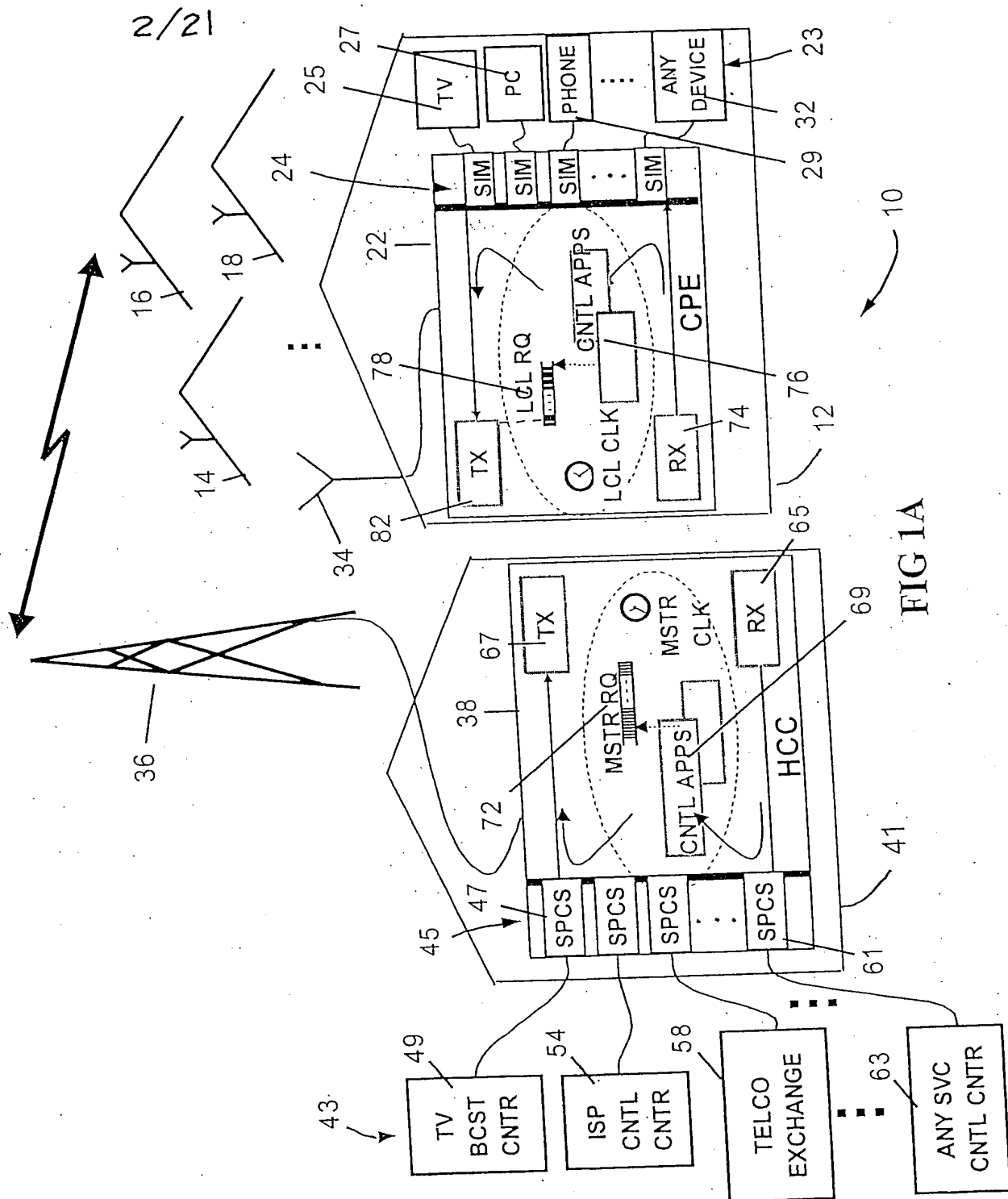


FIG 1



CPE

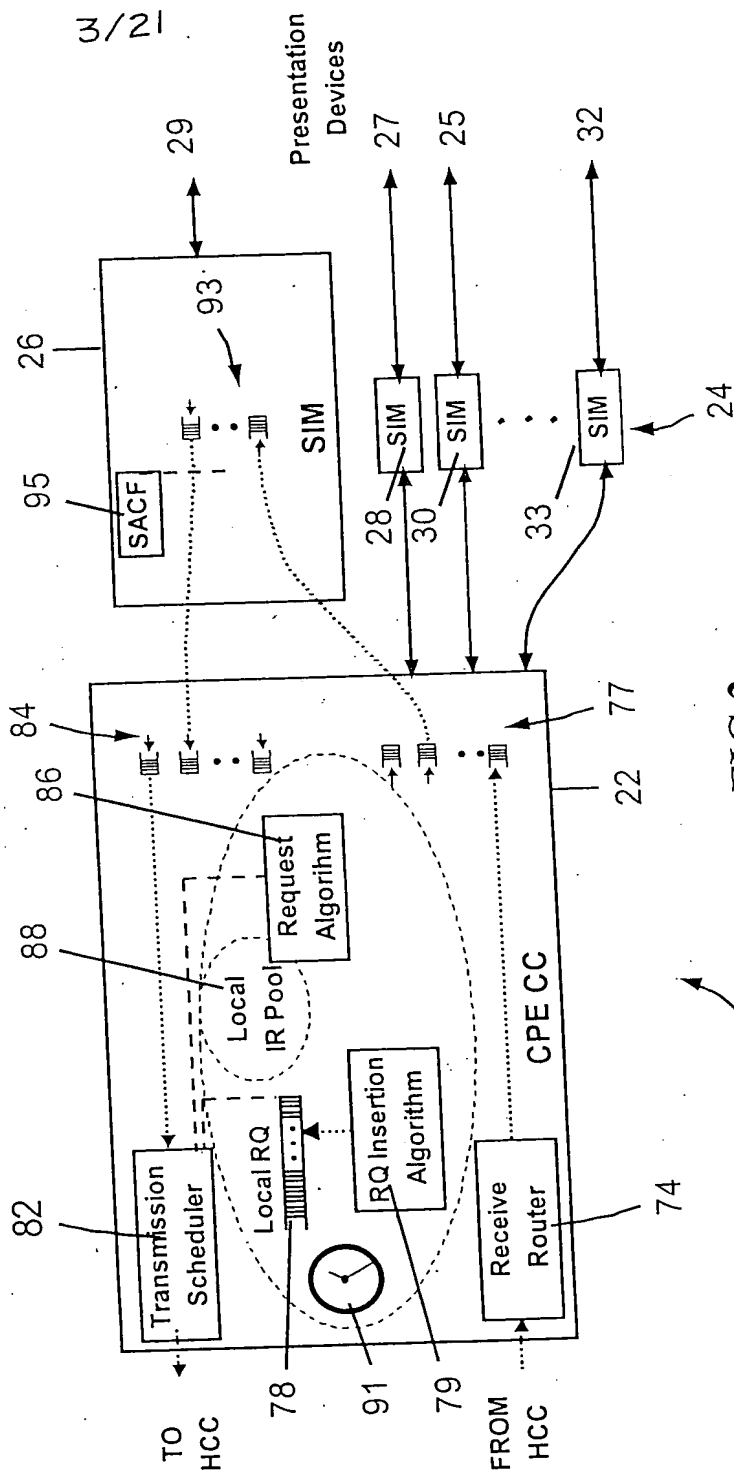


FIG 2

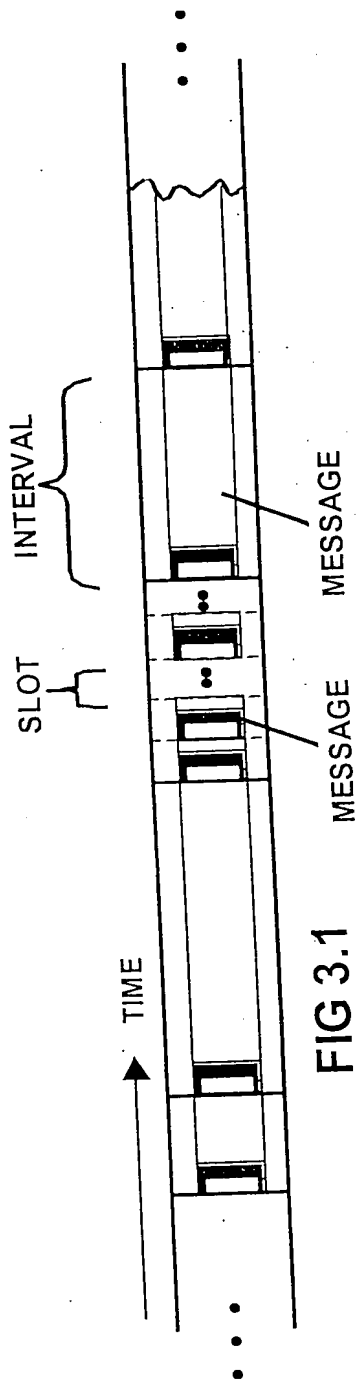


FIG 3.1

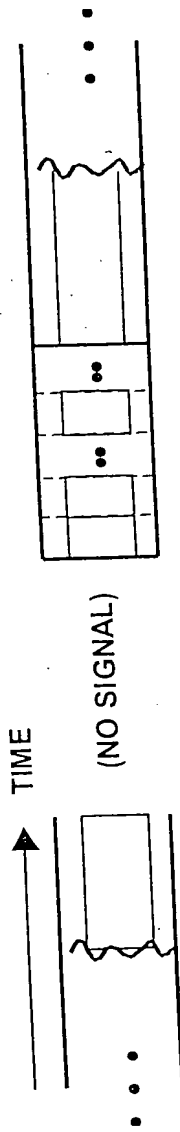


FIG 3.2

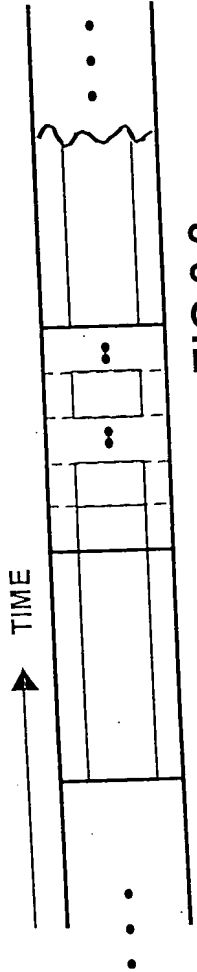


FIG 3.3

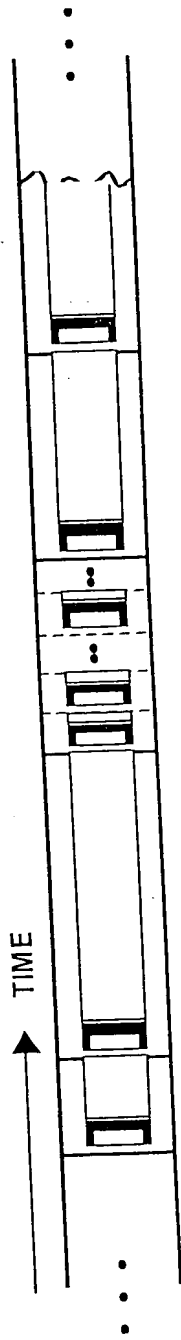


FIG 3.4

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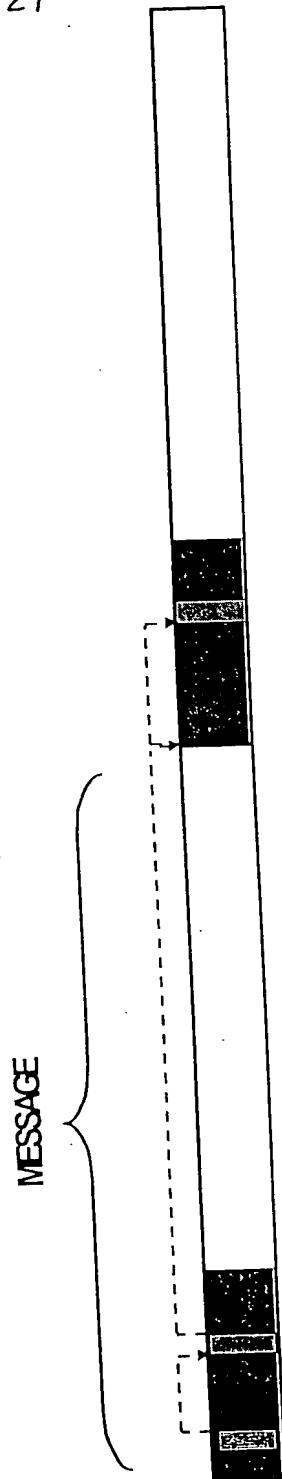


FIG 4

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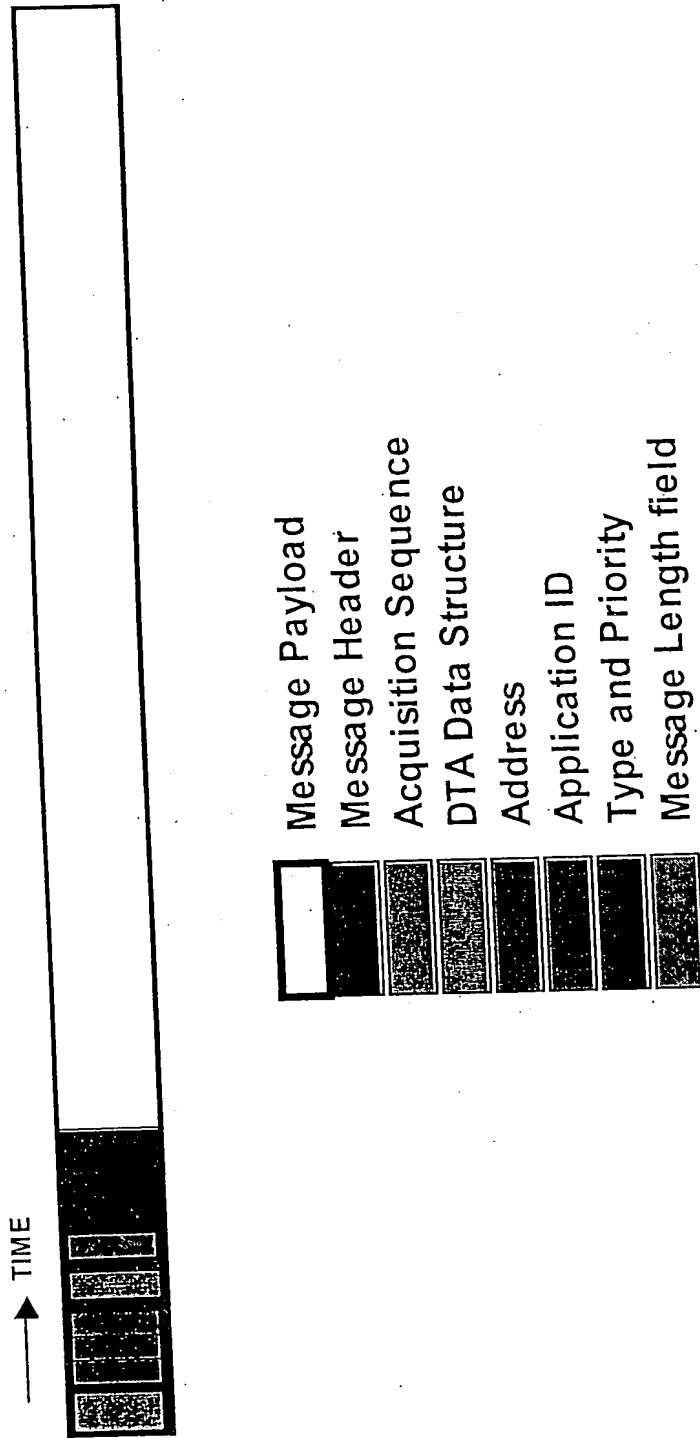


FIG 5

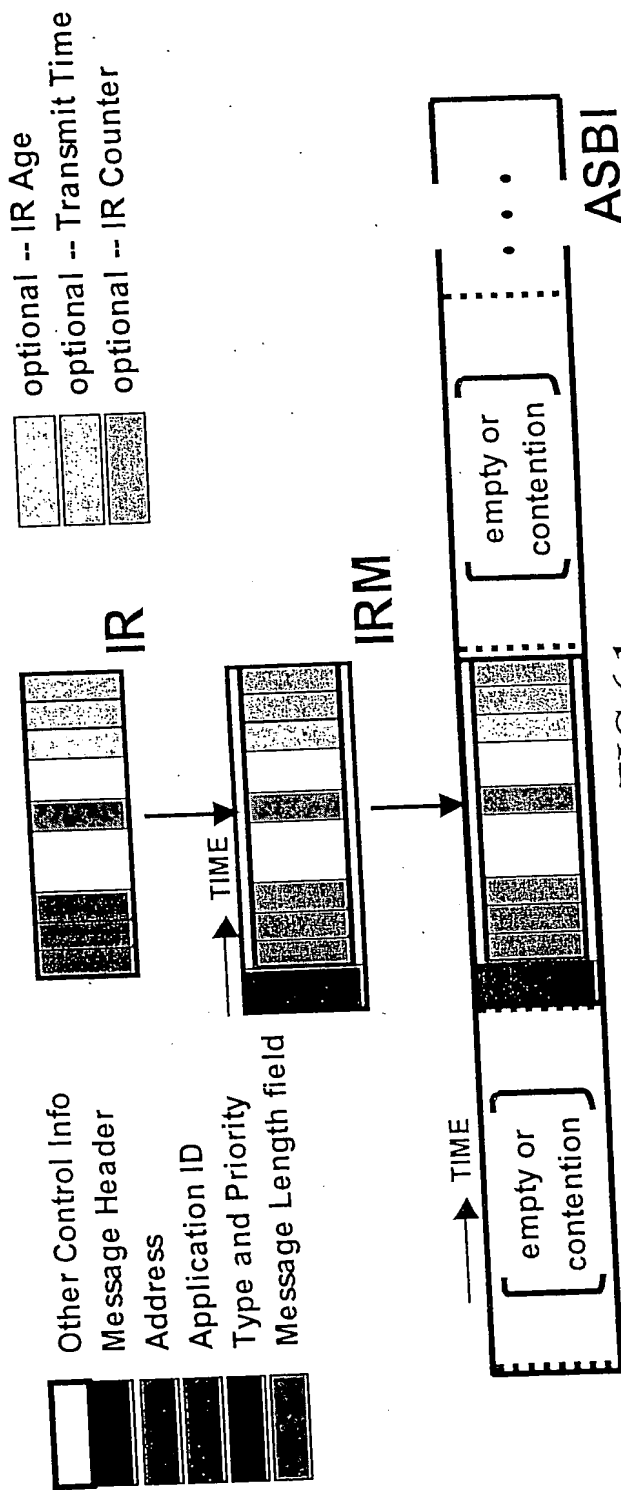


FIG 6.1

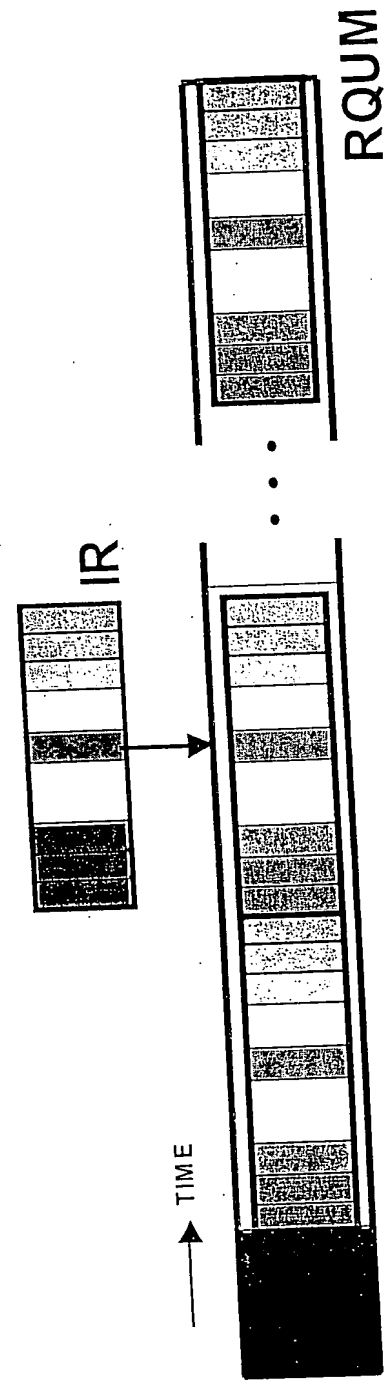
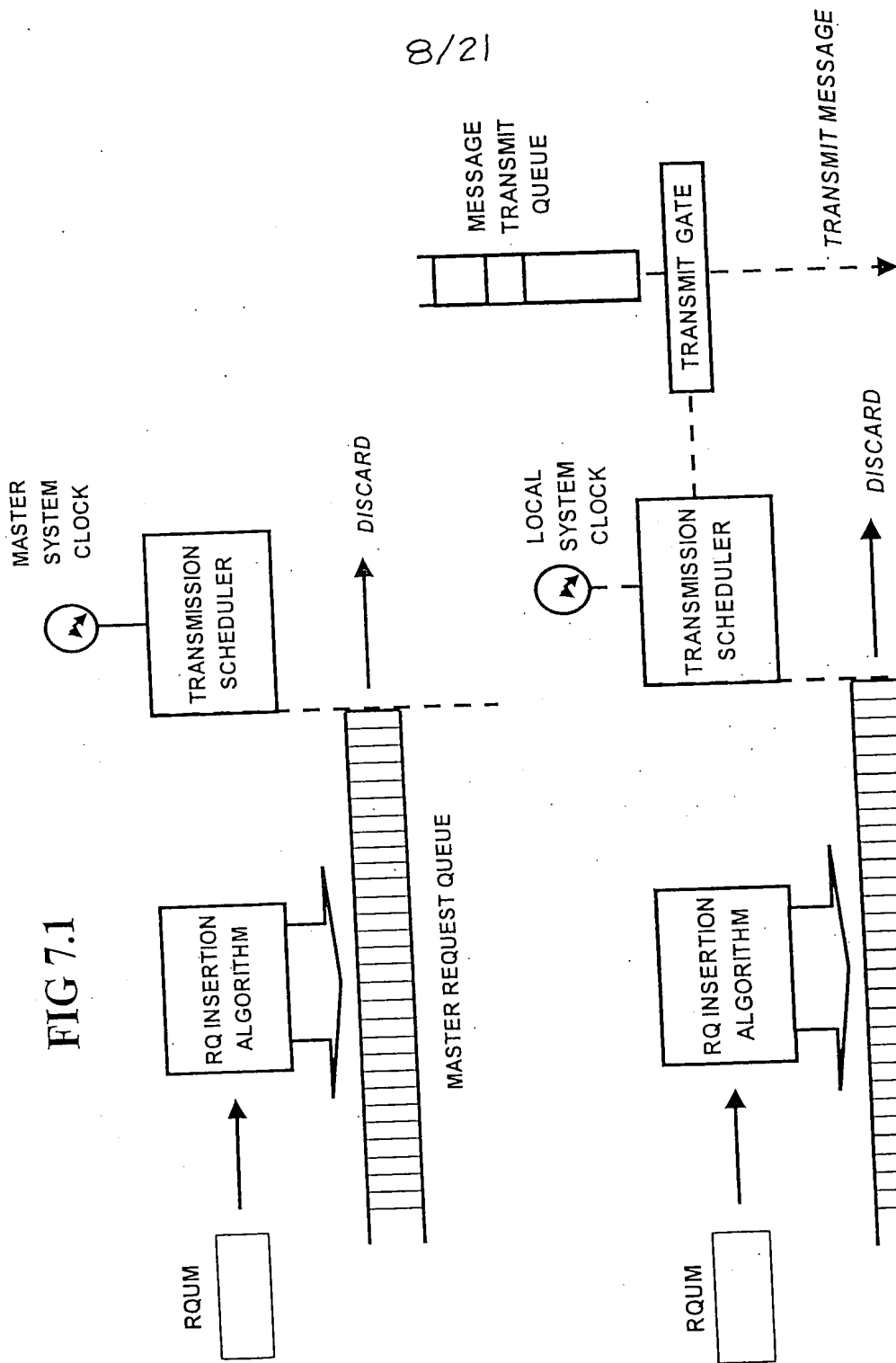


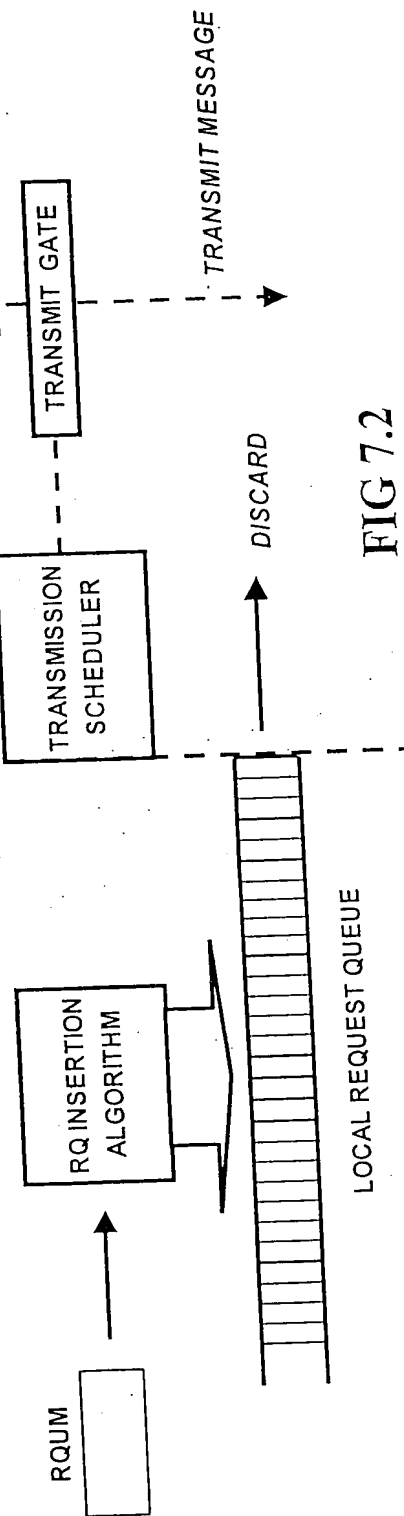
FIG 6.2

FIG 7.1



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FIG 7.2



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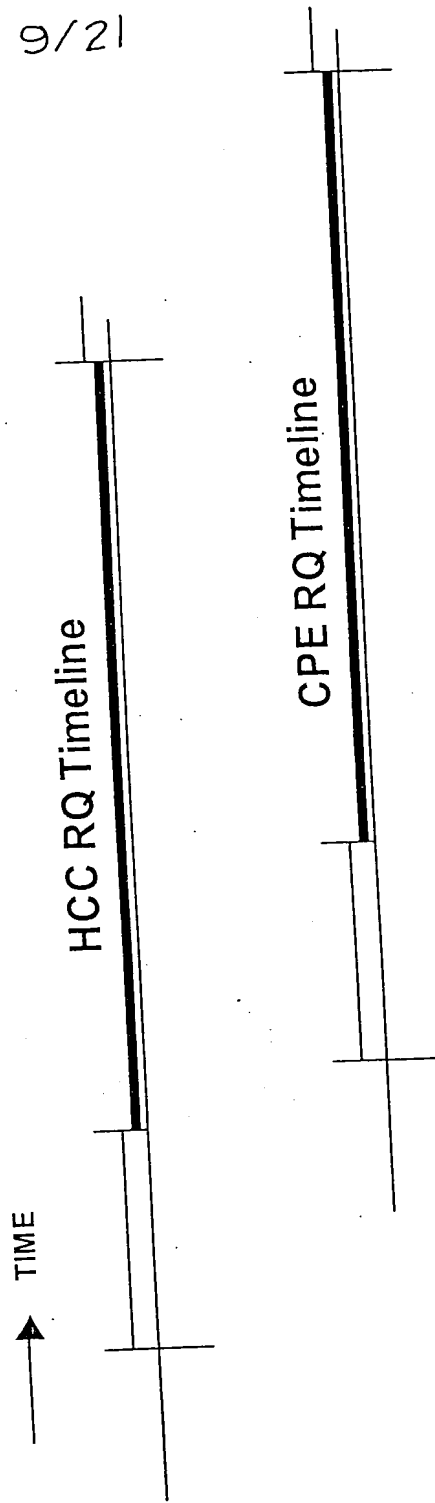


FIG 8

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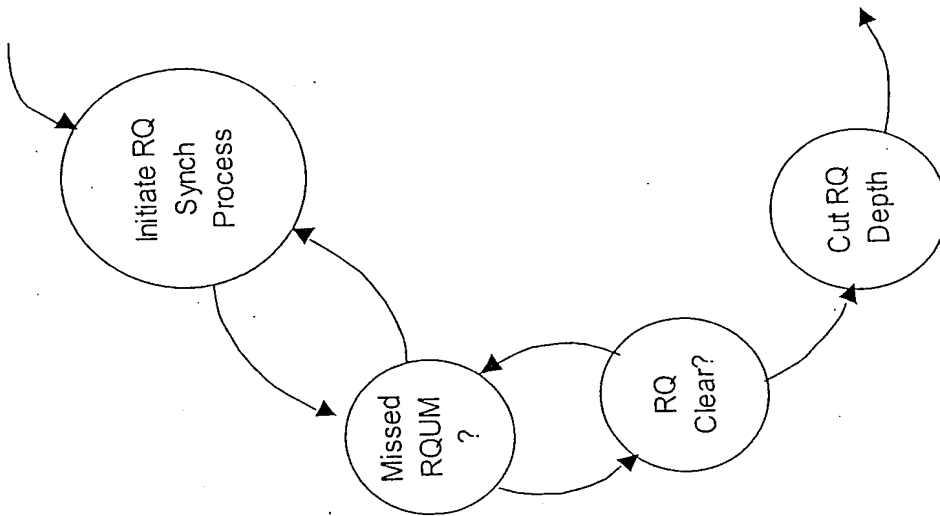


FIG 9

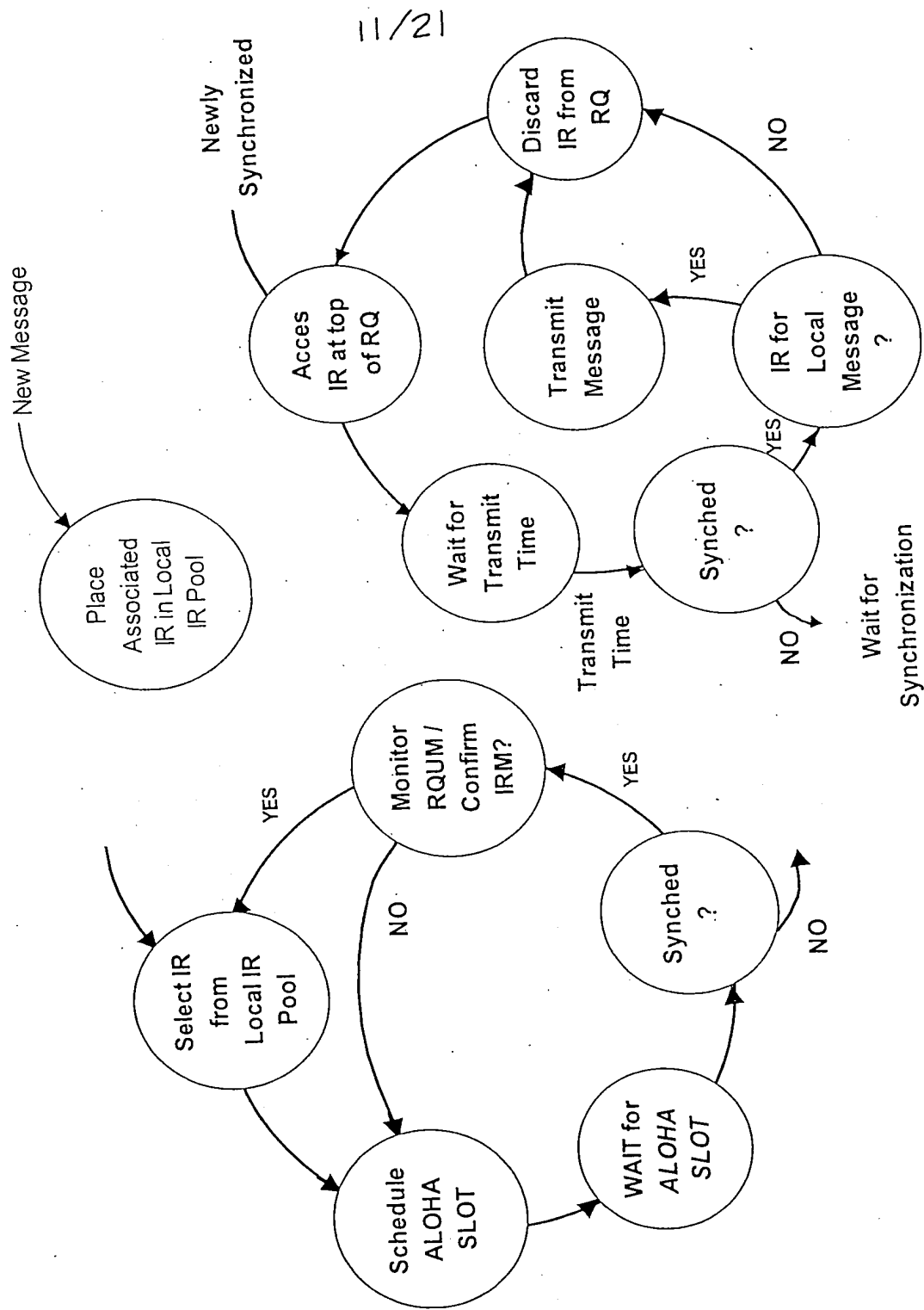


FIG 10

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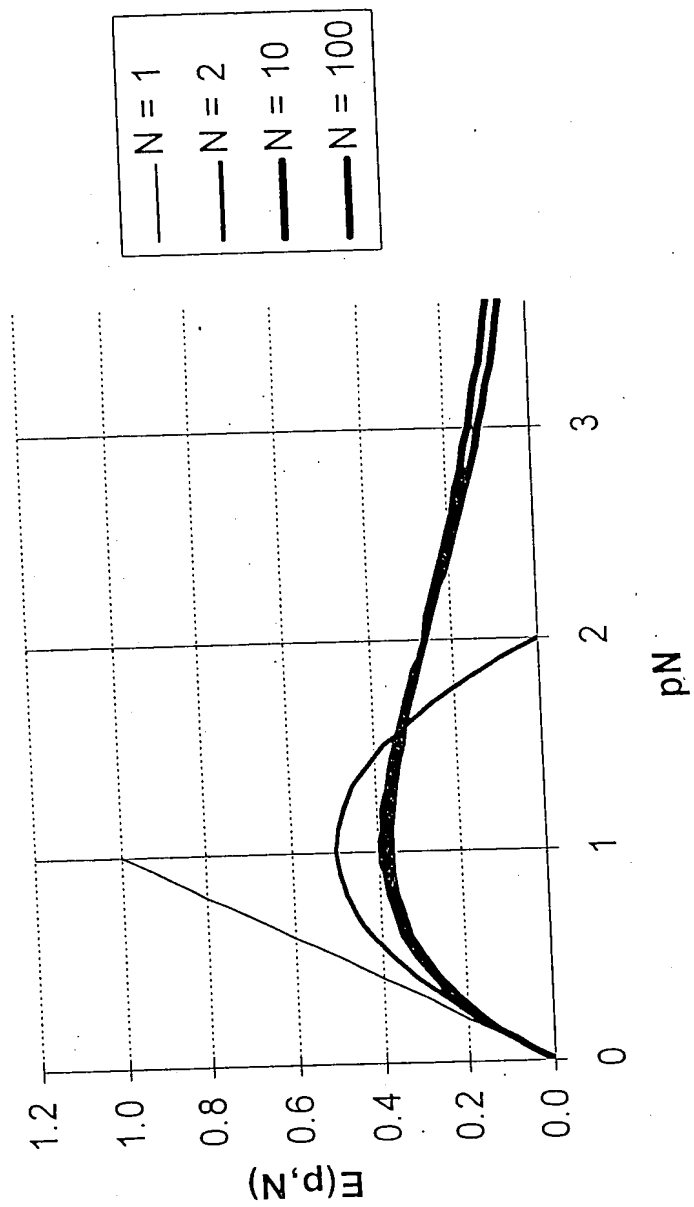
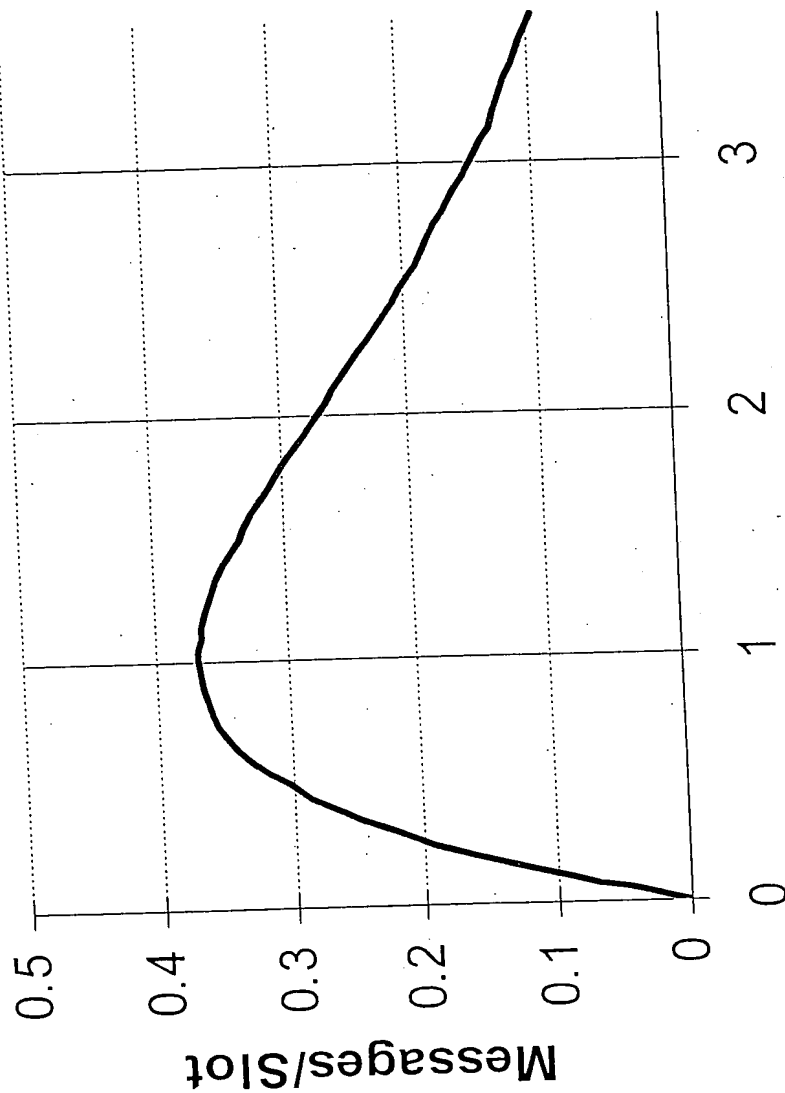


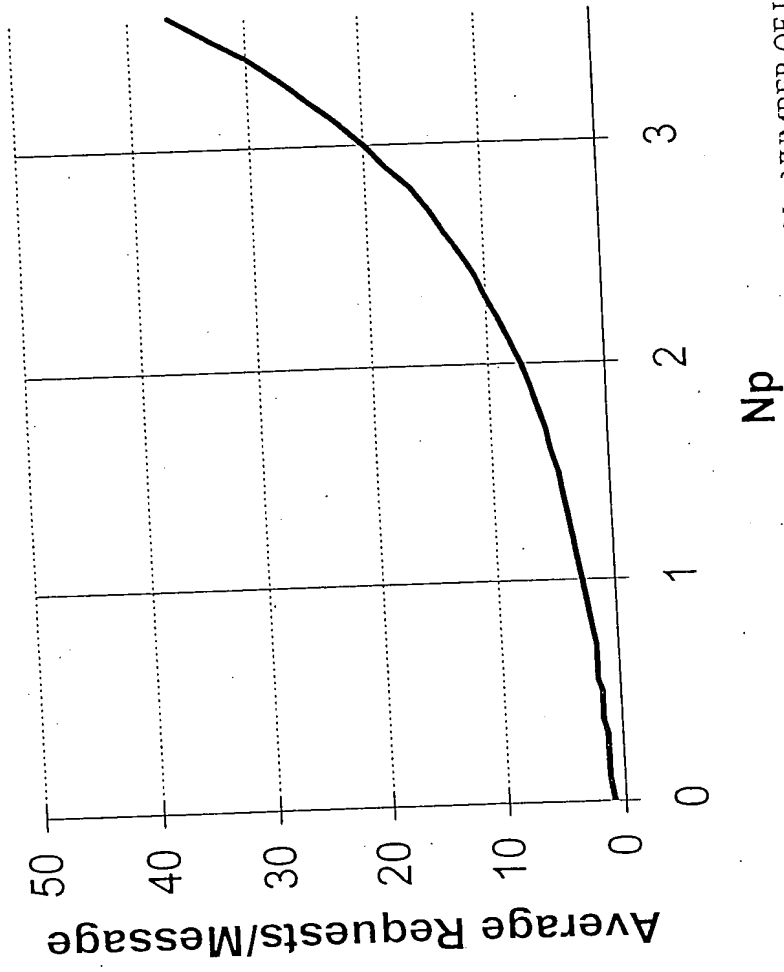
FIG 11



Np

N = NUMBER OF USERS, N LARGE
 p = PROB OF A BSDP IR
 ATTEMPT IN AN ALOHA SLOT

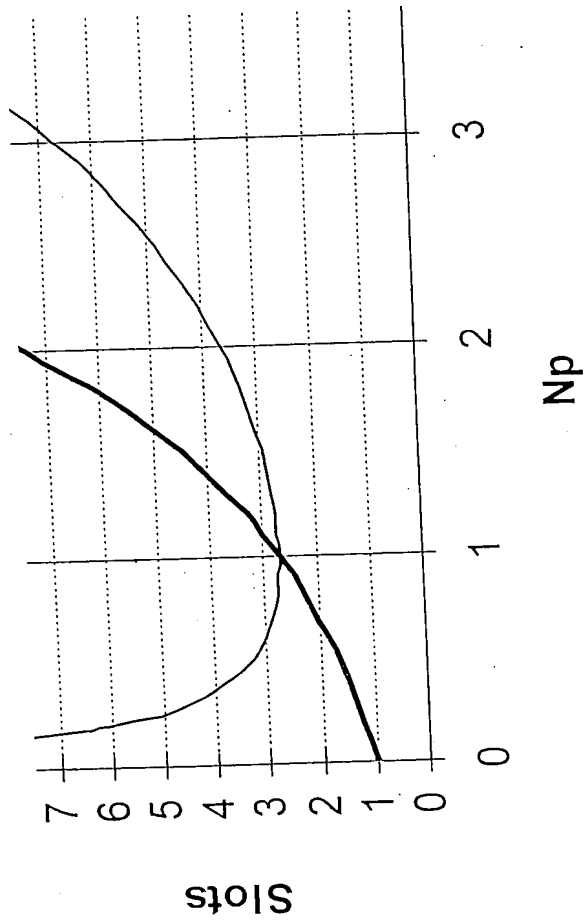
FIG 12



N = NUMBER OF USERS, N LARGE
 p = PROB OF BSDP IR ATTEMPT IN
 AN ALOHA SLOT

FIG 13

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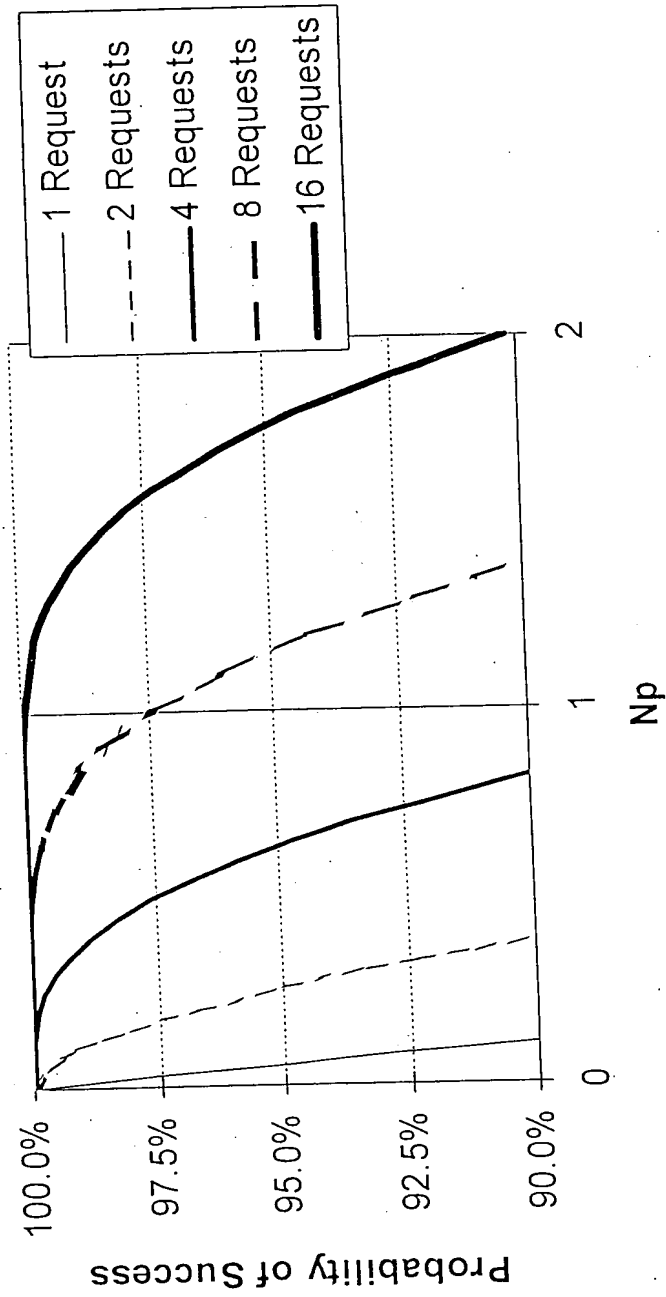


— Efficiency -- Slots/Message
 — BSDP Delay -- Expected No. of IRs/Message

N = NUMBER OF USERS, N LARGE
 p = PROB OF BSDP IR ATTEMPT IN
 AN ALOHA SLOT

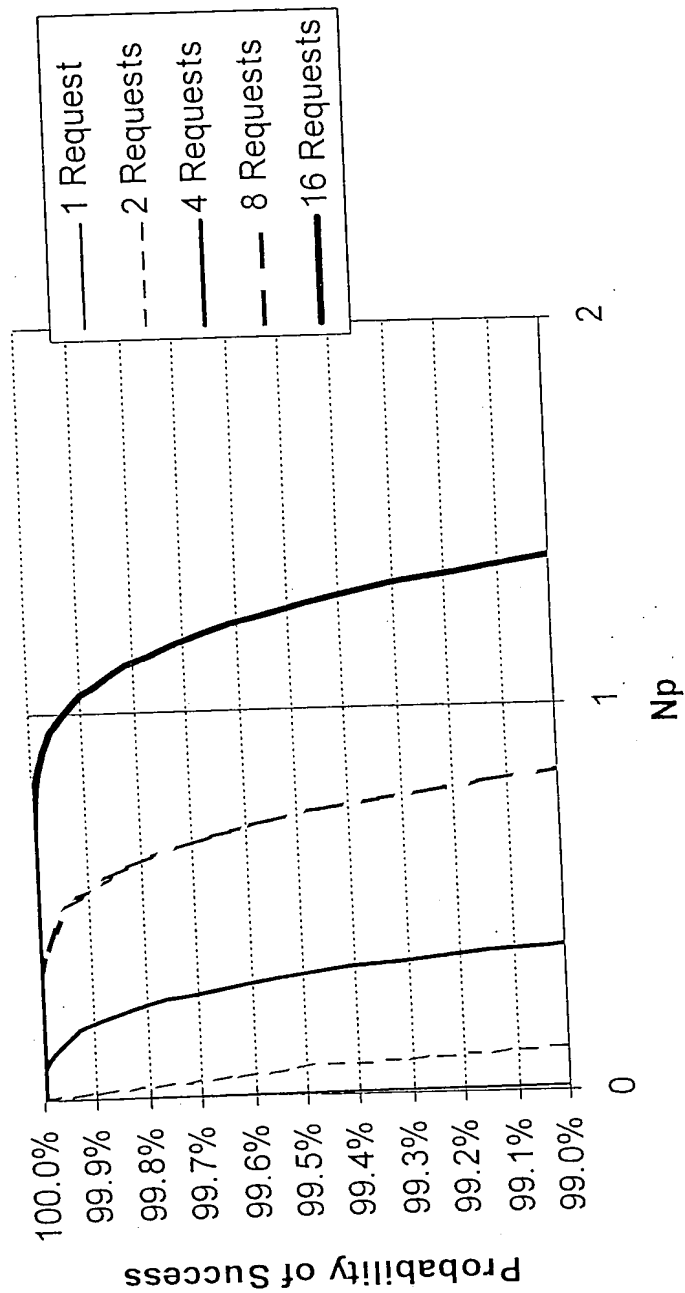
FIG 14

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N = NUMBER OF USERS, N LARGE
 p = PROB OF BSDP IR ATTEMPT IN
AN ALOHA SLOT

FIG 15A



N = NUMBER OF USERS, N LARGE
p = PROB OF BSDP IR ATTEMPT IN
AN ALOHA SLOT

FIG 15B

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Np for Given Probability of Success with Request Limit					
Probability Of Success	Number of Request Attempts				
	16	8	4	2	1
99.9999%	0.6	0.2			
99.9990%	0.7	0.3			
99.9900%	0.8	0.4	0.1		
99.9000%	1	0.6	0.2	0.1	
99.0000%		0.8	0.4	0.1	
98.0000%		0.9	0.5	0.2	
95.0000%			0.6	0.4	0.1
90.0000%			0.8		

N = NUMBER OF USERS, N LARGE
 p = PROB OF BSDP IN ATTEMPT IN
 AN ALOHA SLOT

FIG 16

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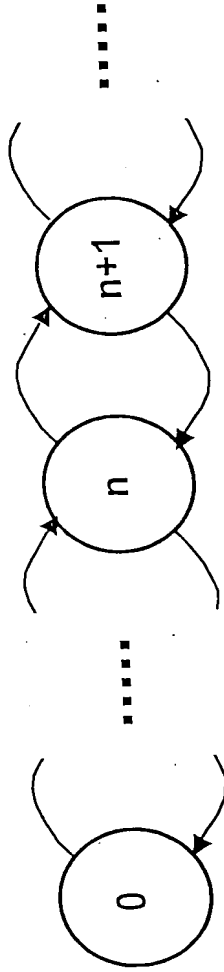


FIG 17

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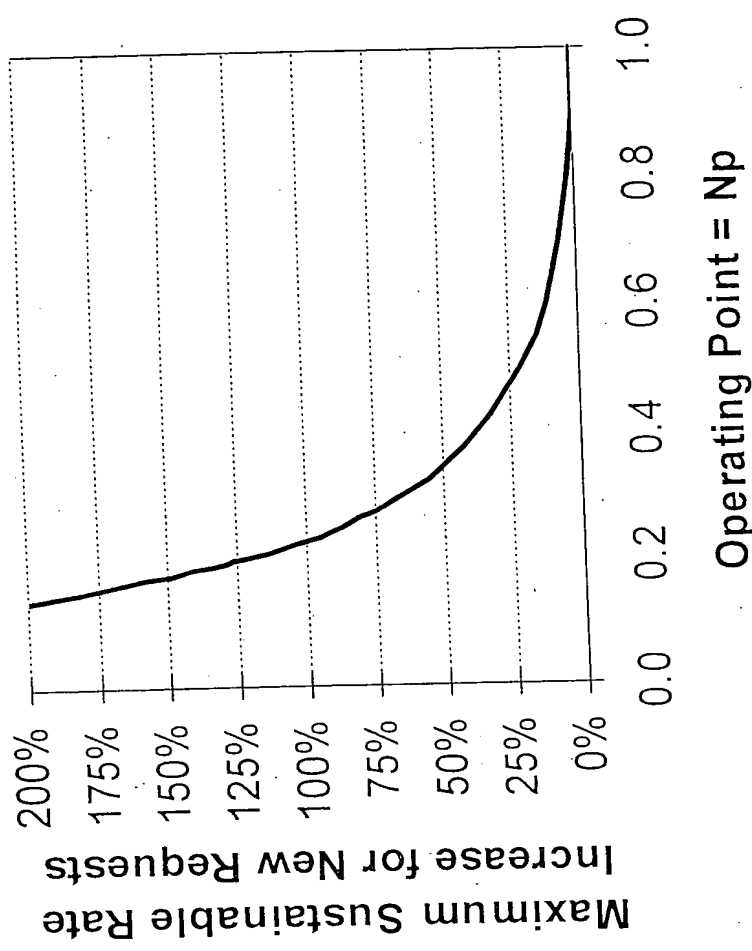


FIG 18

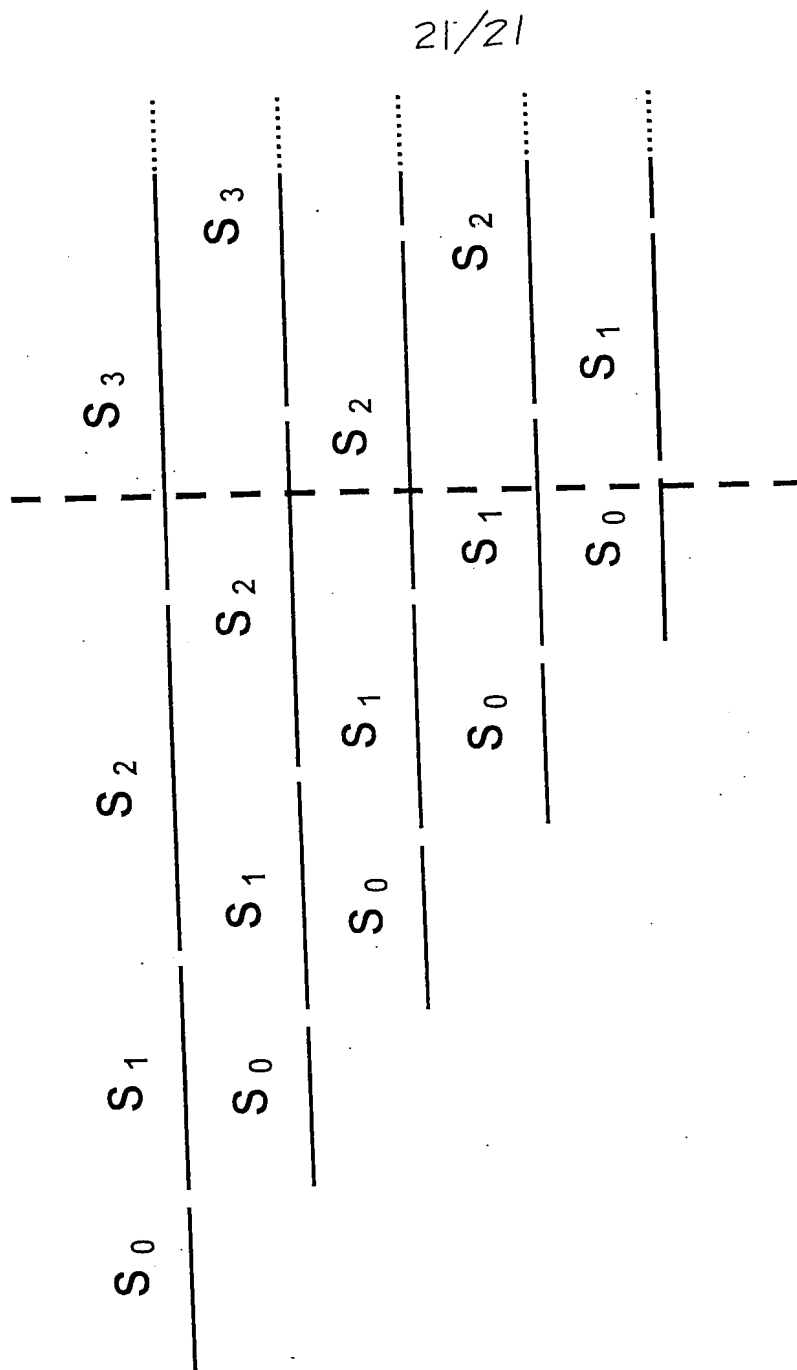


FIG 19